

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Bak (#37,277) on 03/22/12.

The application has been amended as follows:

Claim 1 has been amended such that ---and a purity of 8N or higher, gas components of O, C, N, H, S and P being excluded from a determination of said purity, and a content of impurities in said ultrahigh purity copper excluding said gas components totaling no more than 0.01ppm--- was inserted after ---40,000 to 100,000,-- in line 2.

2. The following is an examiner's statement of reasons for allowance: The prior art whether taken individually or in combination does not render obvious all of the limitations of claim 1, namely,, where the ultrahigh purity copper having a residual resistance ratio of 40,000 to 100,000 and a purity of 8N or higher, gas components of O, C, N, H, S and P being excluded from a determination of said purity, and a content of impurities in said ultrahigh purity copper excluding said gas components totaling no more than 0.01ppm wherein the content of silver (Ag) in said ultrahigh purity copper is less than 0.005ppm, the content of aluminum (Al) in said ultrahigh purity copper is less than 0.001ppm, and the content of iron (Fe) in said ultrahigh purity copper is less than

0.001ppm. The prior art has the listed content of silver, aluminum and iron at higher concentrations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SUSAN D. LEONG whose telephone number is (571)270-1487. The examiner can normally be reached on Monday-Thursday, 6:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KEITH D. HENDRICKS can be reached on (571)272-1401. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SUSAN D LEONG/
Examiner, Art Unit 1724

/KAJ K OLSEN/
Primary Examiner, Art Unit 1724